

**In The Specification:**

Please amend the specification as follows:

Page 1, after the title, insert the following headers and paragraph:

**CROSS-REFERENCE TO RELATED APPLICATION**

This United States Application entitled "Apparatus and Method for the Avoidance of RF Interferences" claims priority to British Application No. 0307325.1 filed 29 March 2003.

**BACKGROUND OF THE INVENTION**

**Page 1, replace the paragraph beginning at line 1 with the following:**

The invention which is the subject of this application relates to the provision of an apparatus designed to receive data signals from a remote location via radio frequency (RF) transmissions.

**Page 1, replace the paragraph beginning at line 9 with the following:**

Conventionally, apparatuses to receive radio frequency signals, such as, ~~for example,~~ broadcast data receivers receive, from satellite transmissions, data signals transmitted at a range of frequencies from which data can be processed by the broadcast data receiver to generate video and/or audio. ~~Said~~ The apparatus has conveniently been housed within a metal casing, typically cuboid in shape. In addition to preventing physical damage to the components of the apparatus, the metal casing also acts as a shield to prevent radio frequency signals, which may be weaker but which can still be received by the apparatus, from actually being picked up by the apparatus and therefore prevents the same from interfering with the normal operation and processing of the wanted radio frequency signals

**Page 1, replace the paragraph beginning at line 9 with the following:**

There has; ~~more recently~~, been more recently increasing pressure to improve the aesthetic appeal of apparatuses of this type and, as a result, it is found that the apparatus increasingly is being housed within moulded plastic housings rather than metal housings. While this can improve the possibilities for aesthetic design of the apparatus, it does reduce the level of shielding from unwanted radio frequency signals. The reception of unwanted radio frequency signals can cause the breakdown in processing the data from wanted radio frequency

**After line 5 on Page 2 insert the following header:**

### **SUMMARY OF THE INVENTION**

**Page 2, replace the paragraph beginning at line 6 with the following:**

The aim of the present invention is to provide a method of avoiding or ~~minimising~~ minimizing the effect of unwanted radio frequency signals and to do so to an extent which allows either metal or plastic housings to be used without unduly effecting the performance of the apparatus in question in processing data from a remote location.

**Page 2, replace the paragraph beginning at line 11 with the following:**

In a first aspect of the invention there is provided an apparatus for the reception of data transmitted to the apparatus over any of a range of radio frequency signals within a known frequency band or bands, ~~said~~ the radio frequency signal selectable by the apparatus in response to a user selection of a television or radio channel to be generated by the apparatus from the received data; ~~said~~ The

apparatus ~~including~~ includes a tuner to tune to the selected radio frequency signal ~~and characterised in that,~~ The bit error rate output of the data carried by the selected radio frequency signal may be is monitored using software within the apparatus or using software integrated into a chip within the apparatus and, if the ~~said~~ bit error rate exceeds, during reception, a predefined bit error rate limit, a control means being provided in software within the apparatus introduces an offset frequency value for the selected radio frequency signal and the apparatus is then operated to tune to a frequency equivalent to the selected radio frequency signal plus or minus said offset frequency value. The software has a series of offset values that can be used progressively until the bit error rate is reduced to below the required limit.

**Page 3, replace the paragraph beginning at line 1 with the following:**

In one embodiment a tuning apparatus is used to tune to radio frequencies within the standard DVB (Digital Video Broadcasting) IF (Intermediate Frequency) band for satellite tuners and the possible interference signals can be generated via GSM (Global System Mobile Communication) or DECT (Digital Enhanced Cordless Telecommunication) systems but may also include WLAN (Wireless Local Area Network) devices and any other devices which operate at relatively close frequencies.

**Page 3, replace the paragraph beginning at line 6 with the following:**

In one embodiment, the apparatus includes at least one LNB (Low Noise Block Down-Converter) and, in one embodiment, the LNB upon receiving a signal to be tuned, is moved from a low band frequency range to a high band frequency range or vice versa. In a further embodiment, if the LNB is a multiband or programmable LNB then, upon the bit error rate exceeding a predefined level, the

LNB is either pre-programmed to a wanted channel frequency plus or minus the fixed offset value or alternatively, another LNB band is used whilst maintaining the requirement of using an IF between 950MHz to 2150MHz and in each case, the tuner is tuned to the new frequency. In this embodiment, once the retuning has occurred, a check can be made to ensure that the intermediate frequency band is between 950MHz and 2,150MHz.

**Pages 3 and 4, replace the paragraph beginning on Page 3 at line 28 and ending on Page 4 with the following:**

In a further aspect of the invention there is provided an apparatus for the reception of data, ~~said data~~ being transmitted to the apparatus at a range of radio frequency signals within a known frequency band or bands, ~~said~~ The radio frequency signals being selectable by the apparatus in response to a user selecting, ~~said~~ The apparatus including ~~ing~~ a tuner to tune to the selected signal and wherein the bit error rate output is monitored, ~~and, if~~ If the ~~said~~ bit error rate exceeds, during operation, a predefined limit, the apparatus introduces an offset to the required frequency and tunes to the wanted frequency plus or minus said offset.

**Before line 8 on Page 5 insert the following header:**

#### **DESCRIPTION OF THE DRAWING**

**Before line 12 on Page 5, insert the following header:**

#### **DESCRIPTION OF THE PREFERRED EMBODIMENTS**

**Page 5, replace the paragraph beginning at line 12 with the following:**

Figure 1 illustrates an apparatus for the reception of satellite data transmissions. The apparatus comprises a broadcast data receiver 2 which is connected typically via cables or a wireless network to a display screen 4 and speakers 6. Data which is received by the broadcast data receiver 2, is processed in the same and typically, from that data, video is generated for display on the screen 4 and audio is processed through speakers 6. The broadcast data receiver 2 includes a tuner 14 and a control means 16.

**Page 9 after the last line, insert the following new paragraph:**

While the invention has been described with a certain degree of particularity, it is manifest that many changes may be made in the details of construction and the arrangement of components without departing from the spirit and scope of this disclosure. It is understood that the invention is not limited to the embodiments set forth herein for purposes of exemplification, but is to be limited only by the scope of the attached claim or claims, including the full range of equivalency to which each element thereof is entitled.